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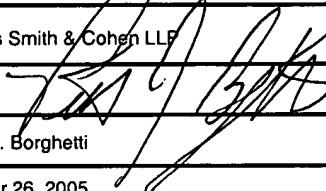
Total Number of Pages in This Submission

Application Number	10/542,951
Filing Date	July 21, 2005
First Named Inventor	Ali Kaan Kalkan
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	30626-108

### ENCLOSURES (Check all that apply)

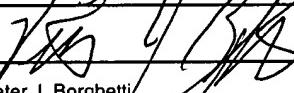
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
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Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Perkins Smith & Cohen LLP		
Signature			
Printed name	Peter J. Borghetti		
Date	October 26, 2005	Reg. No.	42,345

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Typed or printed name	Peter J. Borghetti	Date	October 26, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Peter J. Borghetti  
Reg. No. 42,345

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Ali Kaan Kalkan et al.

Examiner: TBD

Application Serial Number: 10/542,951

Group Art Unit: TBD

Filed: July 21, 2005

For: NANOPARTICLE COATED NANOSTRUCTURED SURFACES FOR DETECTION,  
CATALYSIS AND DEVICE APPLICATIONS

PERKINS SMITH & COHEN LLP  
One Beacon Street, 30<sup>th</sup> Floor  
Boston, Massachusetts 02108  
(617) 854-4000

To: Mail Stop PCT  
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement (Form PTO-1449) (including copies of non-U.S. patent references) is submitted under 37 CFR 1.97(b).

**REMARKS**

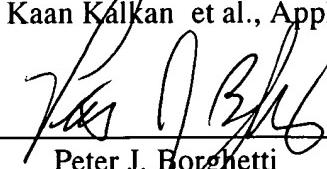
Applicant submits herewith an Information Disclosure Statement under 37 CFR 1.97(b).

The following information is presented in the event that a call may be deemed desirable by the Examiner:

PETER J. BORGHETTI (617) 854-4000.

Respectfully submitted,  
Ali Kaan Kalkan et al., Applicants

Dated: October 26, 2005

By:   
Peter J. Borghetti  
Reg. No. 42,345  
Attorney for Applicants

**FORM PTO-1449**  
**U.S. DEPARTMENT OF COMMERCE**  
**PATENT AND TRADEMARK OFFICE**

ATTORNEY DOCKET NO.: 30626-108

APPLICATION SERIAL NO.: 10/542,951

GROUP ART UNIT: TBD

APPLICANT: Ali Kaan Kalkan et al.

EXAMINER: TBD

FILING DATE: July 21, 2005

CONFIRMATION NO.: TBD

PRIORITY DATE: January 21, 2003

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB-CLASS	FILING DATE IF APPROPRIATE
	2002/0179564	12/05/02	Geobegan et al.		
	6,262,129	07/17/01	Murray et al.		
	6,149,868	11/21/00	Natan et al.		

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB-CLASS	TRANSLATION YES NO

**OTHER DOCUMENTS**  
**(Including Author, Title, Date, Pertinent Pages, etc.)**

	Katrin Kneipp, et al., "Single Molecule Detection Using Surface-Enhanced Raman Scattering (SERS)," PHYSICAL REVIEW LETTERS, The American Physical Society, 3 March 1997, Vol. 78, No. 9, pp 1667-1669.
	Seki, H., "SERS of pyridine on AG island films prepared on a sapphire substrate," J. Vac. Sci Technol. , American Vacuum Society, March 1981, Vol. 18, No. 2.

\* These patents are representative of the state of the art but published after or less than one year prior to Applicant's priority date. Therefore, if any such item is considered sufficiently relevant by the Examiner to the present invention, its possible "prior art" status against the present invention should be considered individually allowing for the prospect of swearing back or other priority determination.

EXAMINERDATE CONSIDERED